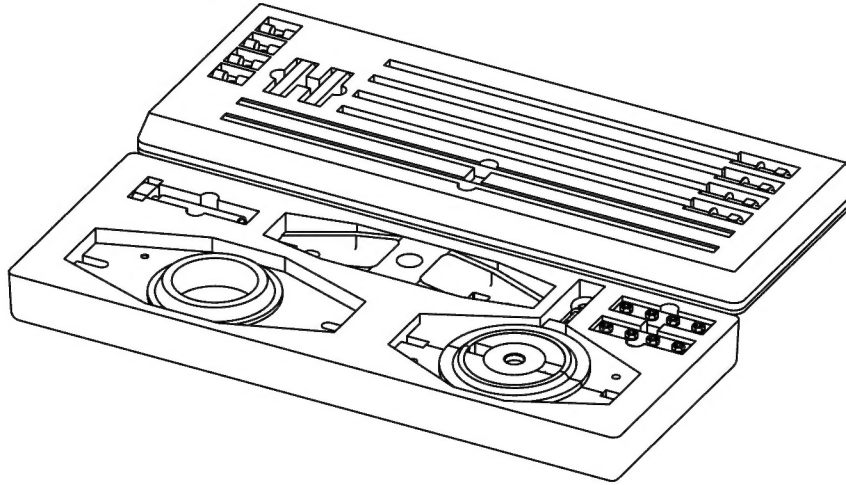


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED



ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	PLATE	4140	1-7/8 X 7-5/8 X 16-1/8	3
			-3	1	PLATE	4140	1-1/2 X 5-1/2 X 13-1/8	4
			-5	1	PLATE	4140	1-1/2 X 4-1/8 X 13-1/8	5
			-7	2	BOLT PLATE	4140 Q&T	5/8 X 1-1/2 X 5-5/8	6
			-9	1	PLATE	4140	2 X 4-1/8 X 16-1/8	7
			-11	1	SCREW	4140 Q&T	Ø2-1/2 X 6-7/8	8
			-13	1	PLUG	4140 Q&T	Ø3-3/8 X 1-1/8	9
			-15	4	BEARING BLOCK ASSY.		SEE RB T103260-105	2
			-17	2	ADAPTER		SEE RB T103260-103	2
			-19	4	SHORT ROD	4140 Q&T	Ø5/8 X 24-1/8	10
			-21	2	LONG ROD	4140 Q&T	Ø5/8 X 29-1/8	11
		B/O	-23	4	HEX NUT	STEEL	5/8-11 UNC MCMaster-CARR #94895A035	2
		B/O	-25	4	WASHER	STEEL	Ø5/8 MCMaster-CARR #95229A610	2
		B/O	-27	1	EYE BOLT	STEEL	3/8-16 X 2-1/2 MCMaster-CARR #3018T16	2
		B/O	-29	8	HEX HEAD CAP SCREW	STEEL	3/8-16 UNC MCMaster-CARR #92620A637	2
		B/O	-31	8	WASHER	STEEL	Ø3/8 MCMaster-CARR #95229A490	2
			-33	1	CONTENTS & LOCATION CARD	LAMINATED CARD	1/64 X 6 X 8	12
		B/O	-35	1	BOTTOM FOAM	Y-20 BLACK	3 X 13.93 X 35.96 I.R. SPECIALTIES	13
		B/O	-37	1	TOP FOAM	Y-20 BLACK	2.01 X 13.62 X 35.62 I.R. SPECIALTIES	14
		B/O	-39	1	TOP FOAM STIFFENER	BLACK COROPLAST	6mm X 13-5/8 X 35-5/8	15
		B/O	-41	1	PELICAN CASE	PLASTIC	APP-1700-E	NS
		B/O	-43	1	LANYARD	STEEL	(7x7 CABLE) Ø1/16 X 12in. CARR-LANE #CL-2-C	NS
		B/O	-45	2	FERRULE	ALUMINUM	Ø1/16 X 3/8 MCMaster-CARR #3896T31	NS
		B/O	-47	1	GROMMET	BRASS	00 SIZE MCMaster-CARR #86625K31	NS

UNDER REVIEW

URF 19-1179 19.11.01 (VM)

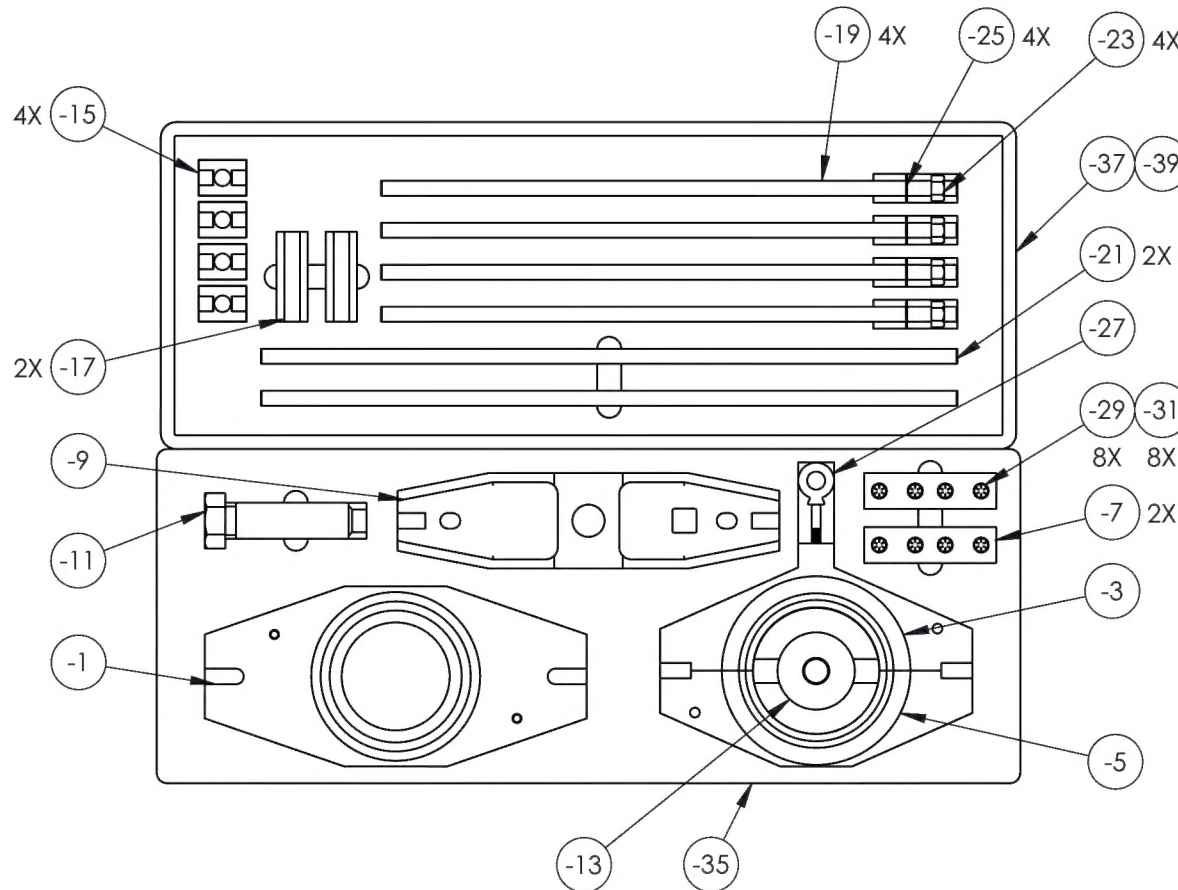
NOTE:
REF. BELL T/N: 430-240-004-101.



TITLE		PULLER SET, MAST BEARING			
DWG NO.				RBT400275	
				REV	
MAT'L		DRAWN BY: DUERFELDT			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5° 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		APPROVED		<i>D Weil</i>	
		HEAT TREAT FINISH			
		SPEC			
		USED ON MODEL			
		BELL 430			
SCALE 1:10		DATE 7/11/2014		SHEET 1 OF 15	

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REVISIONS						
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED	



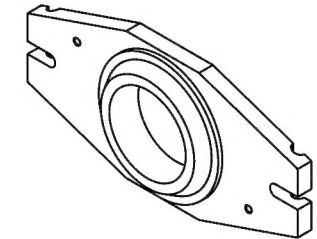
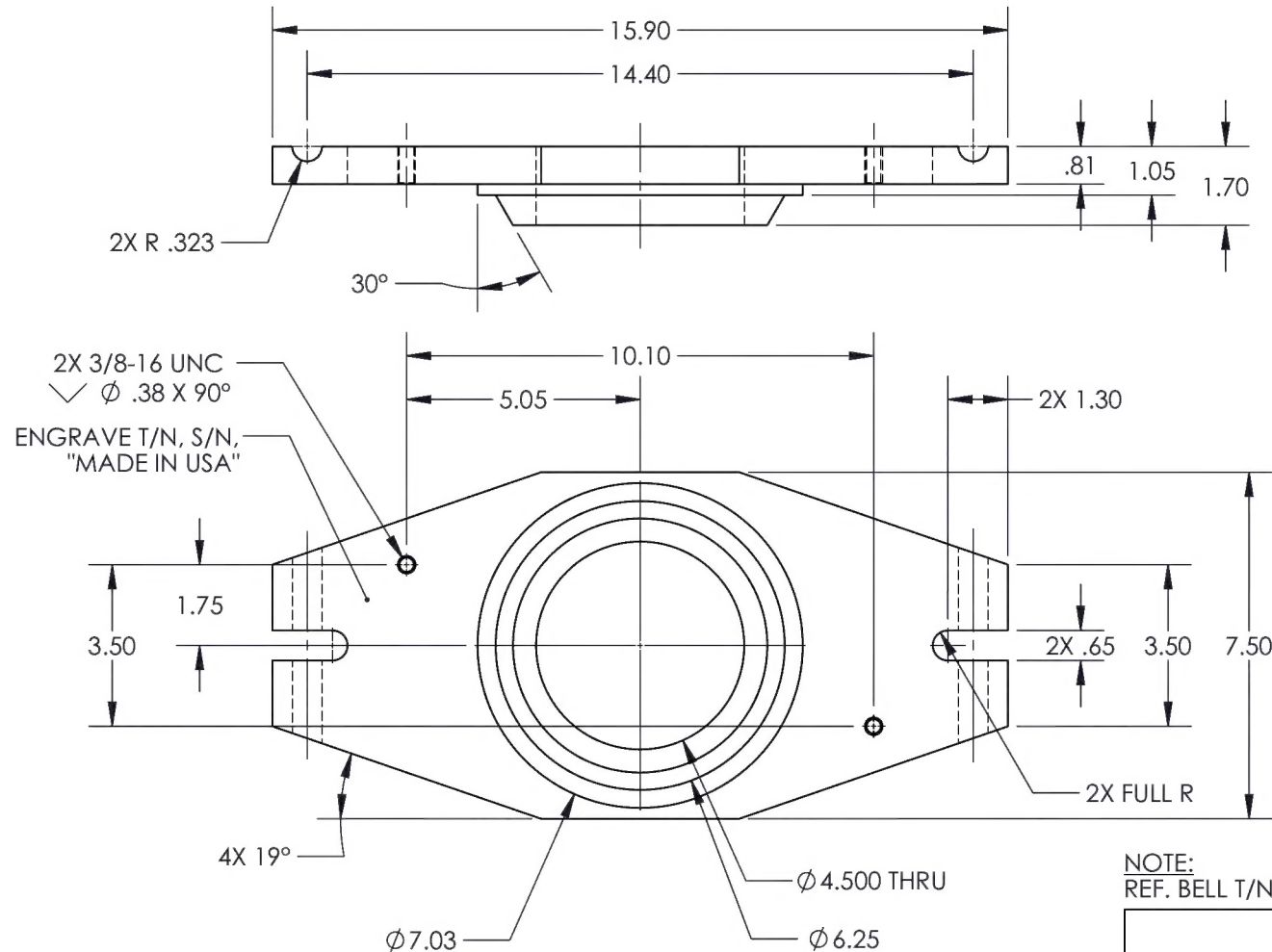
UNDER REVIEW

URF 19-1179 19.11.01 (VM)

DART AEROSPACE	
TITLE PULLER SET, MAST BEARING	
DWG NO. RBT400275	REV
MAT'L	DRAWN BY: DUERFELDT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT
.XX ± .01	TREAT
.X ± .1	FINISH
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	SPEC
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL
	BELL 430
SCALE 1:8	DATE 7/11/2014
	SHEET 2 OF 15

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			INITIAL
			APPROVED



UNDER REVIEW
URF 19-1179 19.11.01 (VM)

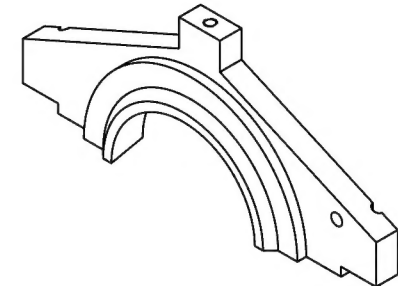
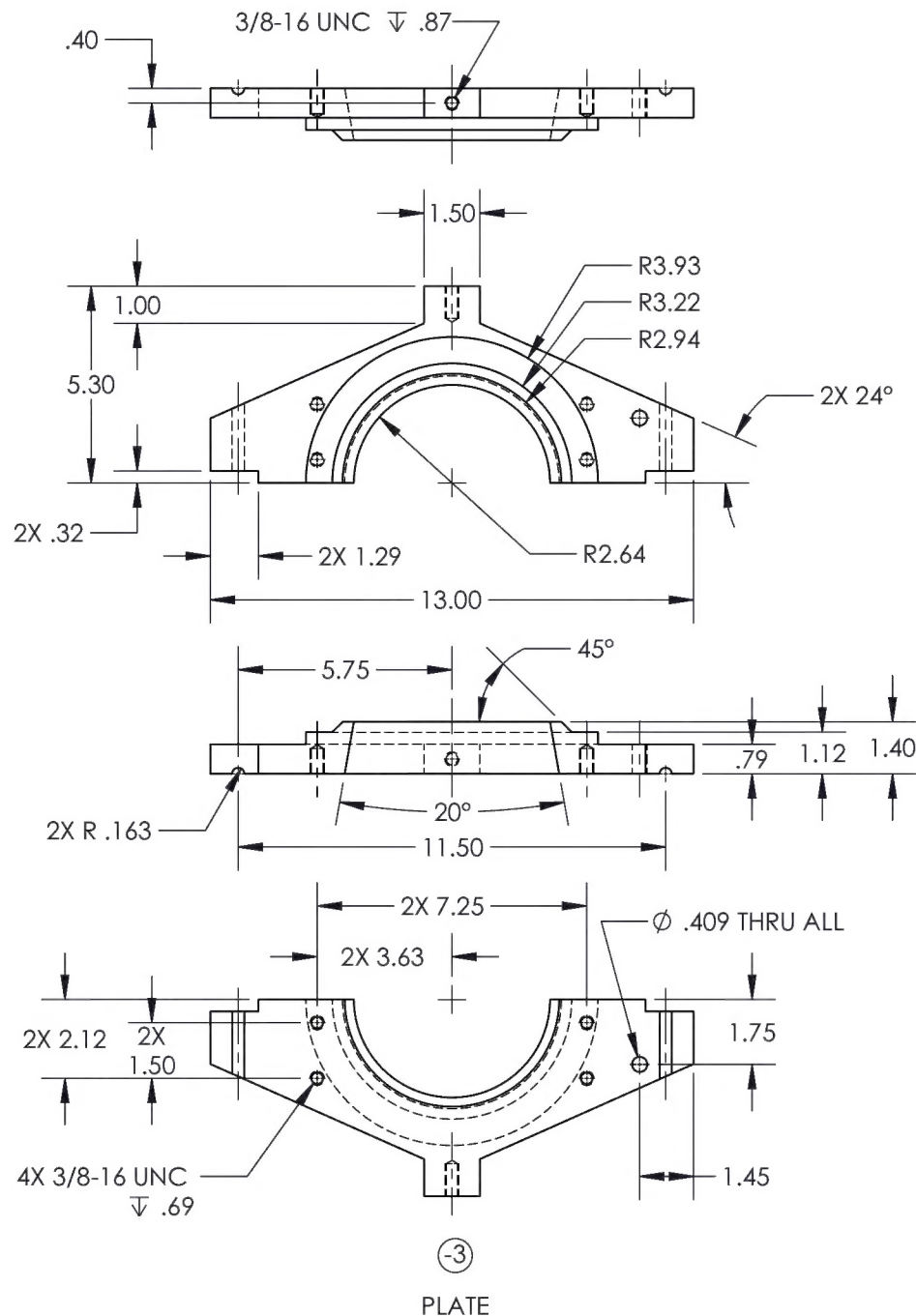
NOTE:
REF. BELL T/N: 430-240-004-105.

(-1)
PLATE

DART AEROSPACE	
TITLE PULLER SET, MAST BEARING	
DWG NO. RBT400275-1	REV
MAT'L 4140	DRAWN BY: DUERFELDT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>P Weil</i>
.XXX ± .005	HEAT TREAT RC 28-32
.XX ± .01	FINISH CAD PLATE YELLOW
.X ± .1	SPEC QQ-P-416F, TYPE II, CLASS II
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 430
SCALE 1:4	DATE 7/11/2014
SHEET 3 OF 15	

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REV	ECR	DESCRIPTION			DATE	INITIAL	APPROVED



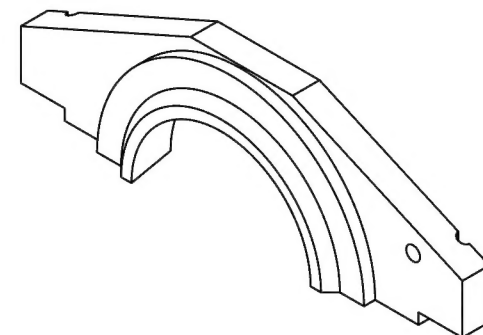
UNDER REVIEW

URF 19-1179 19.11.01 (VM)

NOTE:
REF. BELL T/N: 430-240-004-109.
ALSO ENGRAVED ON PART: #2, -113.

TITLE PULLER SET, MAST BEARING			
DWG NO. RBT400275-3			REV
MAT'L 4140		DRAWN BY: DUERFELDT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		APPROVED <i>P. Weil</i>	
.XXX ± .005		HEAT TREAT RC 28-32	
.XX ± .01		FINISH CAD PLATE YELLOW	
.X ± .1		SPEC QQ-P-416F, TYPE II, CLASS II	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R		USED ON MODEL	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		BELL 430	
SCALE	1:5	DATE	7/11/2014
		SHEET 4 OF 15	

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED



URF 19-1179 19.11.01 (VM)



TITLE	PULLER SET, MAST BEARING
-------	--------------------------

DWG NO.	RBT400275-5
---------	-------------

MAT'L	4140
-------	------

DRAWN BY: DUERFELDT

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

APPROVED *D Weil*

DIMENSIONS ARE IN INCHES

.XXX	± .005	FRACTIONS ± 1/32
.XX	± .01	ANGLES ± .5°
.X	± .1	

HEAT TREAT	RC 28-32
------------	----------

1. BREAK ALL SHARP EDGES .015 x 45°
OR .015R
2. DIMENSIONAL LIMITS APPLY AFTER
PLATING

	CAD PLATE YELLOW
5. SPEC	QQ-P-416F, TYPE II, CLASS II

USED ON MODEL

	BELL 430
--	----------

SCALE 1:4

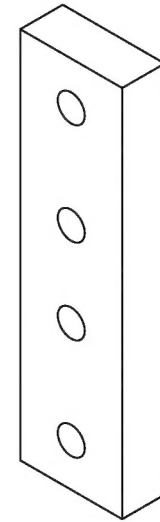
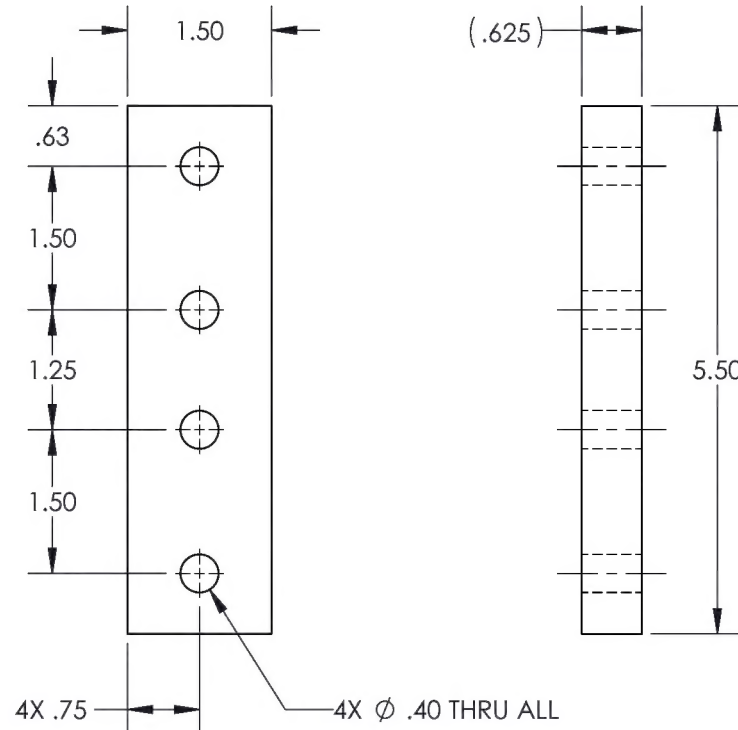
DATE	7/11/2014
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SHEET 5 OF 15

PLATE

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



UNDER REVIEW

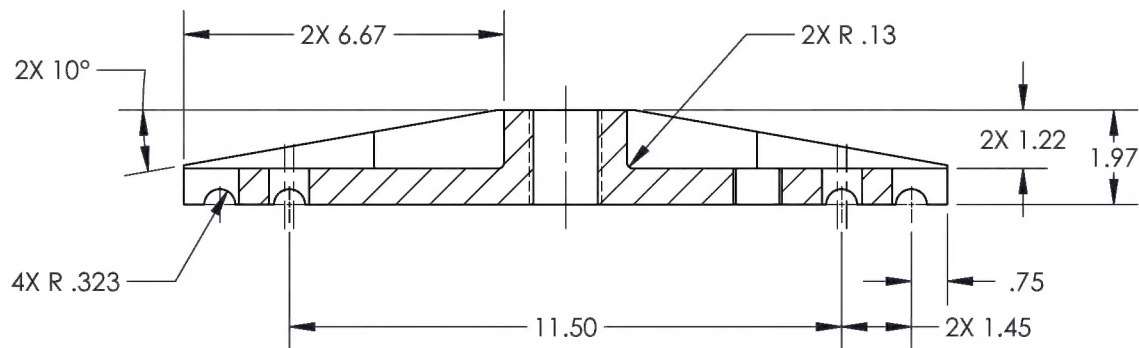
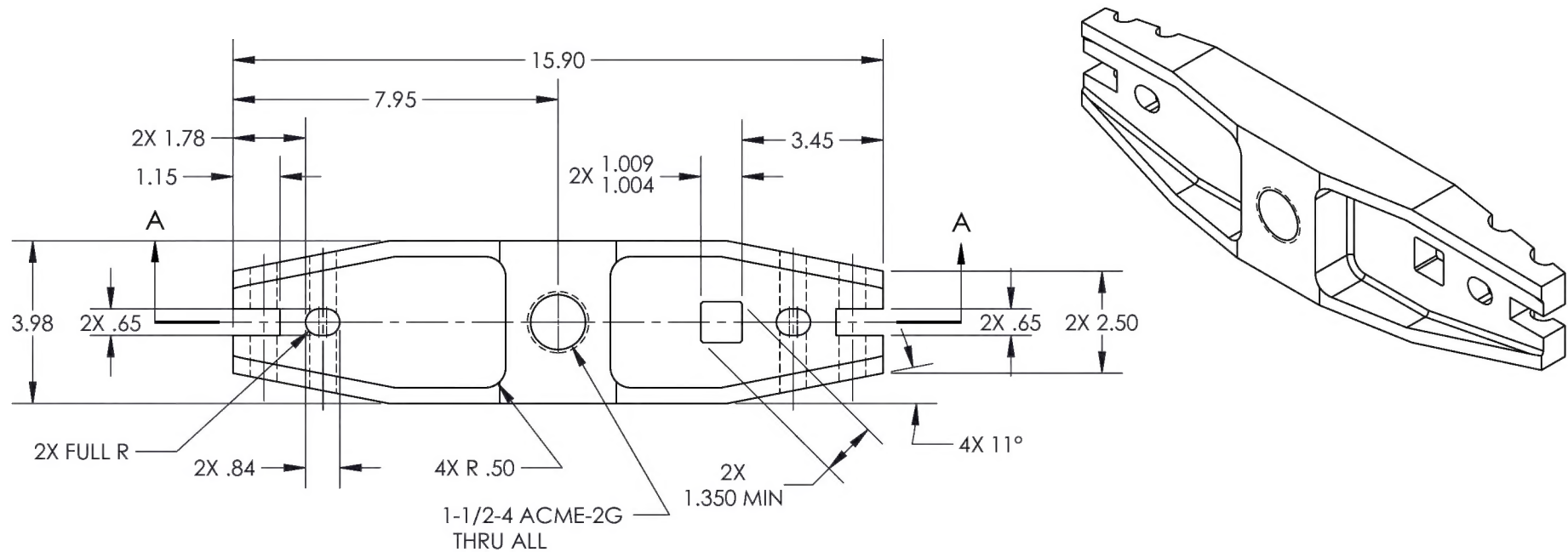
URF 19-1179 19.11.01 (VM)

NOTE:
REF. BELL T/N: 430-240-004-123.

(-7)
BOLT PLATE

DART AEROSPACE	
TITLE PULLER SET, MAST BEARING	
DWG NO. RBT400275-7	REV
MAT'L 4140 Q&T	DRAWN BY: DUERFELDT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 .XX ± .01 .X ± .1	HEAT TREAT FINISH CAD PLATE YELLOW
FRACTIONS ± 1/32 ANGLES ± 5°	SPEC QQ-P-416F, TYPE II, CLASS II
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 430
SCALE 1:2	DATE 7/11/2014
SHEET 6 OF 15	

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED



SECTION A-A

(-9)

PLATE

UNDER REVIEW

URF 19-1179 19.11.01 (VM)

NOTE:
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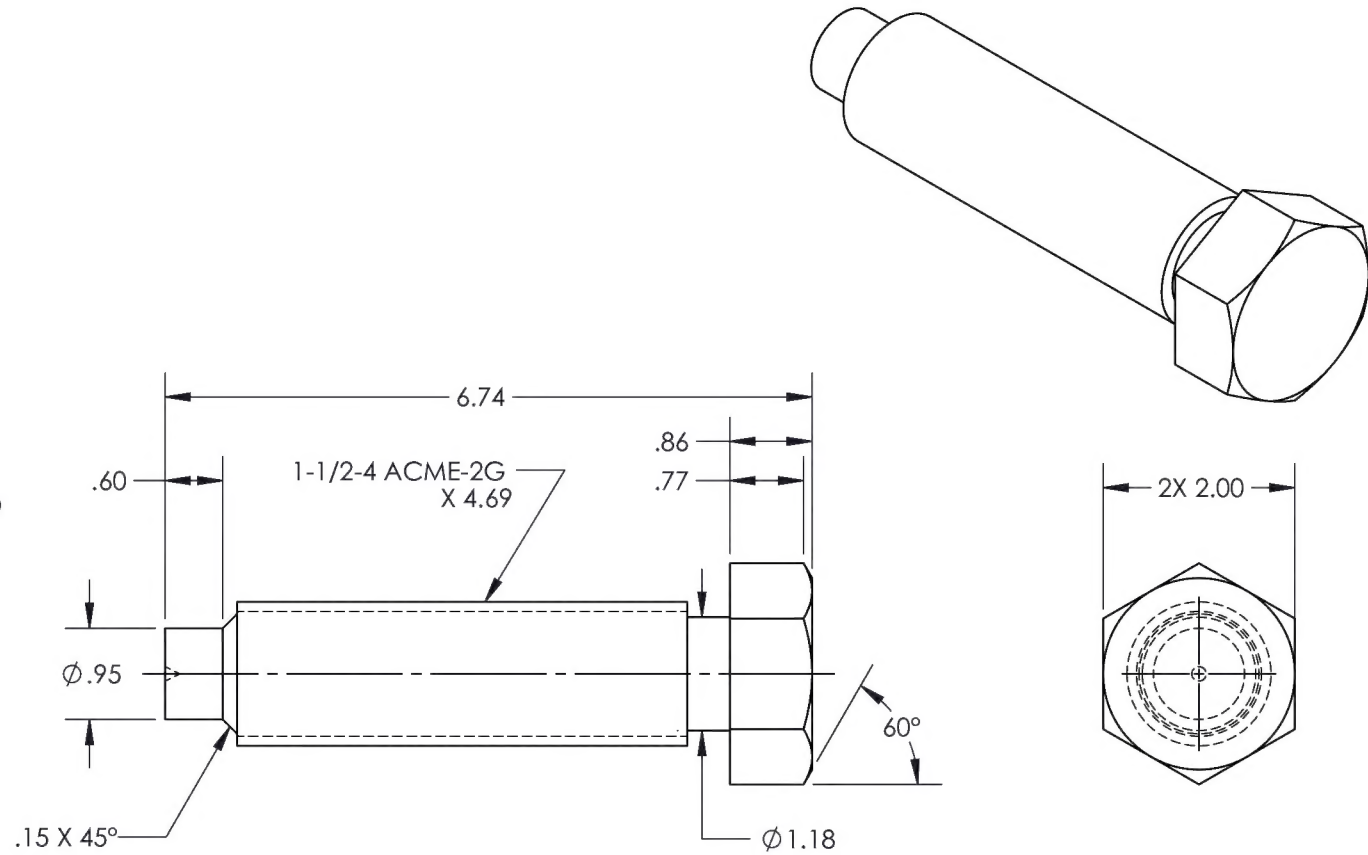


TITLE		PULLER SET, MAST BEARING	
DWG NO.		RBT400275-9	
REV			
MAT'L 4140		DRAWN BY: DUERFELDT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		APPROVED <i>D Weill</i>	
.XXX ± .005 FRACTIONS ± 1/32		HEAT RC 28-32	
.XX ± .01 ANGLES ± .5°		TREAT	
.X ± .1		FINISH CAD PLATE YELLOW	
1. BREAK ALL SHARP EDGES .015 x .45° OR .015R		SPEC QQ-P-416F, TYPE II, CLASS II	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		USED ON MODEL	
		BELL 430	
SCALE 1:4	DATE 7/11/2014	SHEET 7 OF 15	

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REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED

CENTER PERMITTED



NOTE:
REF. BELL T/N: 430-240-004-117.

UNDER REVIEW

URF 19-1179 19.11.01 (VM)

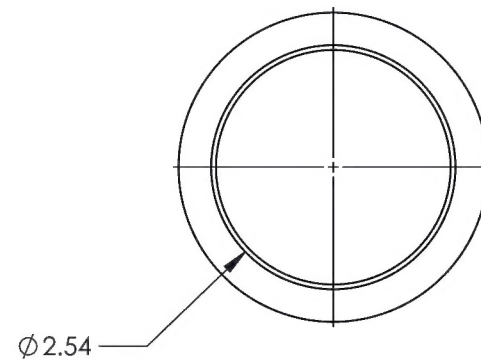
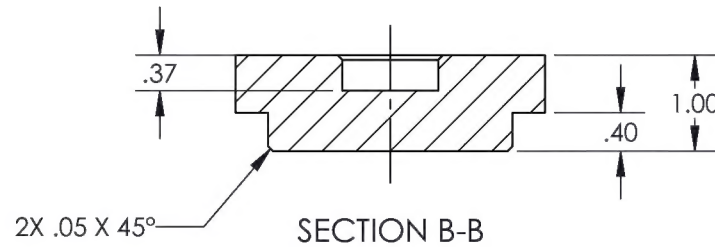
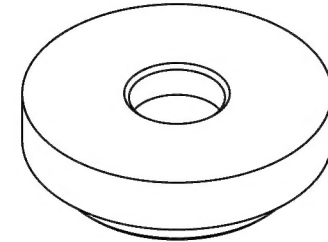
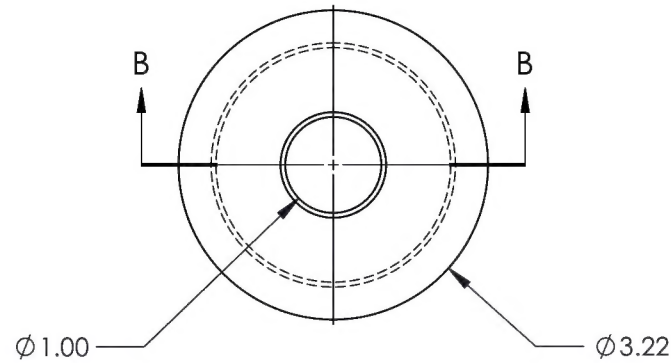
(11)

SCREW

DART AEROSPACE	
TITLE PULLER SET, MAST BEARING	
DWG NO. RBT400275-11	REV
MAT'L 4140 Q&T	DRAWN BY: DUERFELDT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 .XX ± .01 .X ± .1	HEAT TREAT FINISH CAD PLATE YELLOW
FRACTIONS ± 1/32 ANGLES ± 5°	SPEC QQ-P-416F, TYPE II, CLASS II
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 430
SCALE 1:2	DATE 7/11/2014
SHEET 8 OF 15	

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				APPROVED



(-13)

PLUG

UNDER REVIEW

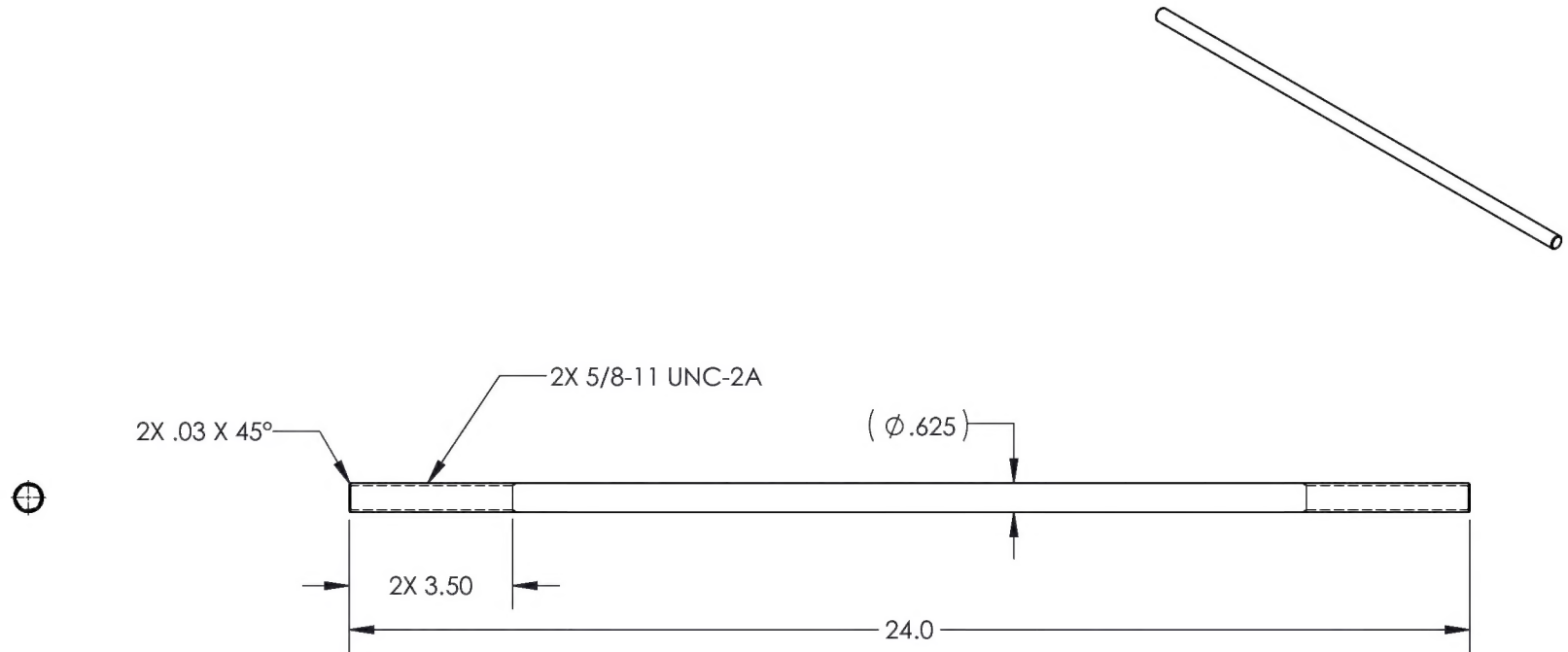
URF 19-1179 19.11.01 (VM)

NOTE:
REF. BELL T/N: 430-240-004-115.

DART AEROSPACE	
TITLE PULLER SET, MAST BEARING	
DWG NO. RBT400275-13	REV
MAT'L 4140 Q&T	DRAWN BY: DUERFELDT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT TREAT
.XX ± .01	FINISH CAD PLATE YELLOW
.X ± .1	SPEC QQ-P-416F, TYPE II, CLASS II
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 430
SCALE 1:2	DATE 7/11/2014
SHEET 9 OF 15	

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				APPROVED



NOTE:
REF. BELL T/N: 430-240-004-121.

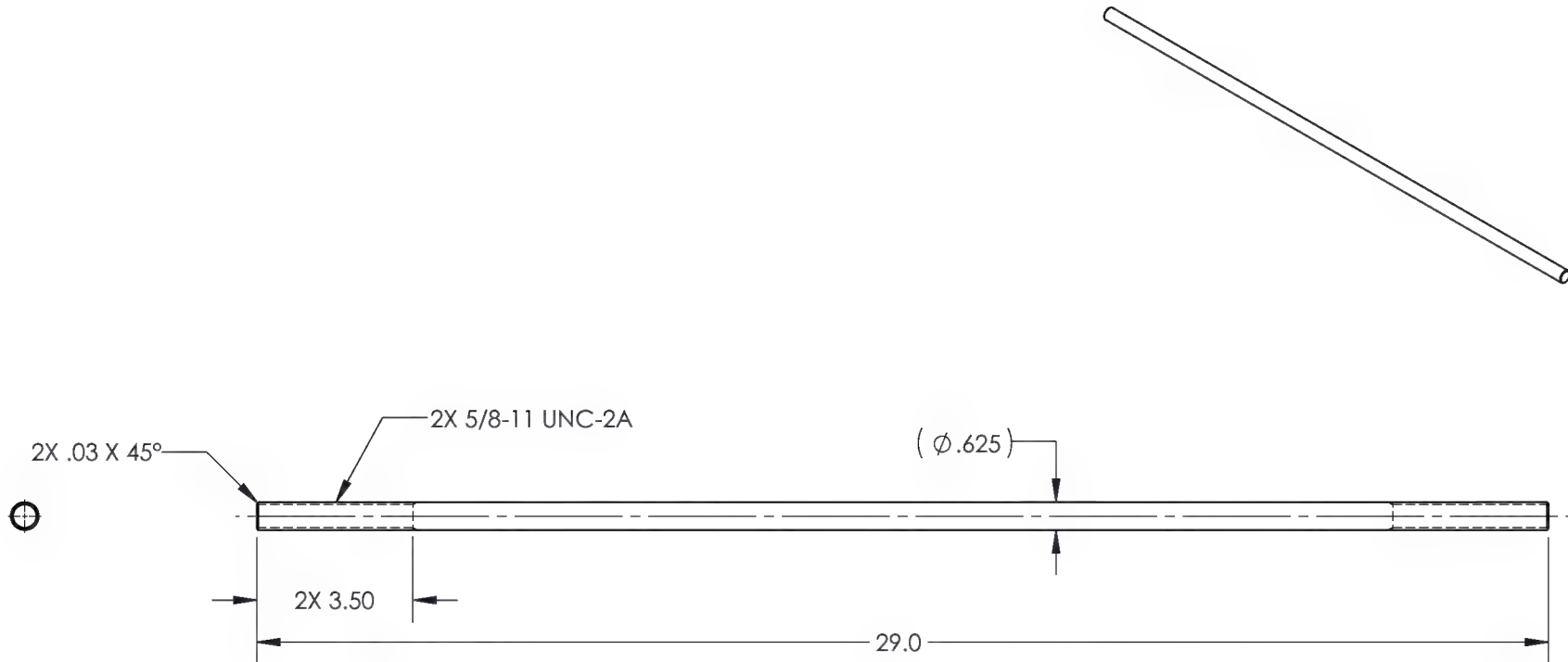
UNDER REVIEW
URF 19-1179 19.11.01 (VM)

(-19)
SHORT ROD

DART AEROSPACE	
TITLE PULLER SET, MAST BEARING	
DWG NO. RBT400275-19	REV
MAT'L 4140 Q&T	DRAWN BY: CLOUGH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 .XX ± .01 .X ± .1	HEAT TREAT FINISH CAD PLATE YELLOW
FRACTIONS ± 1/32 ANGLES ± 5°	SPEC QQ-P-416F, TYPE II, CLASS II
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 430
SCALE 1:4	DATE 7/11/2014
SHEET 10 OF 15	

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				APPROVED



NOTE:
REF. BELL T/N: 430-240-004-119.

UNDER REVIEW
URF 19-1179 19.11.01 (VM)

(-21)
LONG ROD

DART AEROSPACE	
TITLE PULLER SET, MAST BEARING	
DWG NO. RBT400275-21	REV
MAT'L 4140 Q&T	DRAWN BY: CLOUGH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/32	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH CAD PLATE YELLOW
.X ± .1	SPEC QQ-P-416F, TYPE II, CLASS II
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 430
SCALE 1:4	DATE 7/11/2014
SHEET 11 OF 15	

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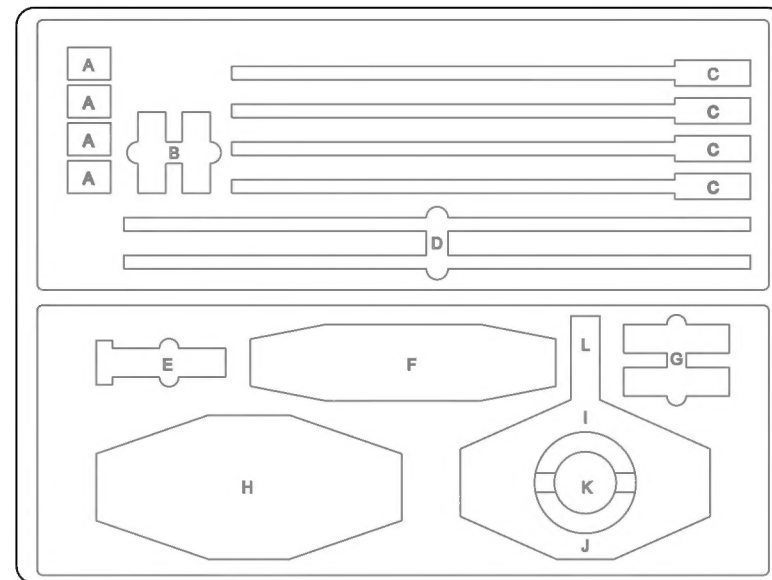
REVISIONS			
REV	ECR	DESCRIPTION	DATE INITIAL APPROVED

RBT400275 TOOL KIT INCLUDES					
TOP SHELF			BOTTOM SHELF		
LOC.QTY.	TOOL No.	DESCRIPTION	LOC.QTY.	TOOL No.	DESCRIPTION
A	4	RB T103280-105 BEARING BLOCK ASSY.	E	1	RBT400275-11 SCREW
B	2	RB T103280-103 ADAPTER	F	1	RBT400275-9 PLATE
C	4	RBT400275-19 SHORT ROD	G	2	RBT400275-7 BOLT PLATE
D	2	RBT400275-21 LONG ROD	H	1	RBT400275-1 PLATE
			I	1	RBT400275-3 PLATE
			J	1	RBT400275-5 PLATE
			K	1	RBT400275-13 PLUG
			L	1	RBT400275-27 EYE BOLT



180 S. Danebo Ave., Eugene, OR. 97402
1-800-558-4188
e-mail: sales@dartaero.com
dartaerospace.com

FRONT SIDE OF CARD



BACK SIDE OF CARD

NOTE:
CARD PAPER IS TO BE PRINTED ON FRONT AND BACK AS SHOWN AND PLASTIC LAMINATED. THE CARD WILL THEN BE ATTACHED TO A LANYARD WITH A GROMMET, THE OTHER END OF LANYARD WILL BE ATTACHED TO REAR WHEEL HOUSING THROUGH A DRILLED HOLE, BEING CAREFUL SO THE WHEEL IS NOT DAMAGED AND ROTATES FREELY.

UNDER REVIEW

URF 19-1179 19.11.01 (VM)

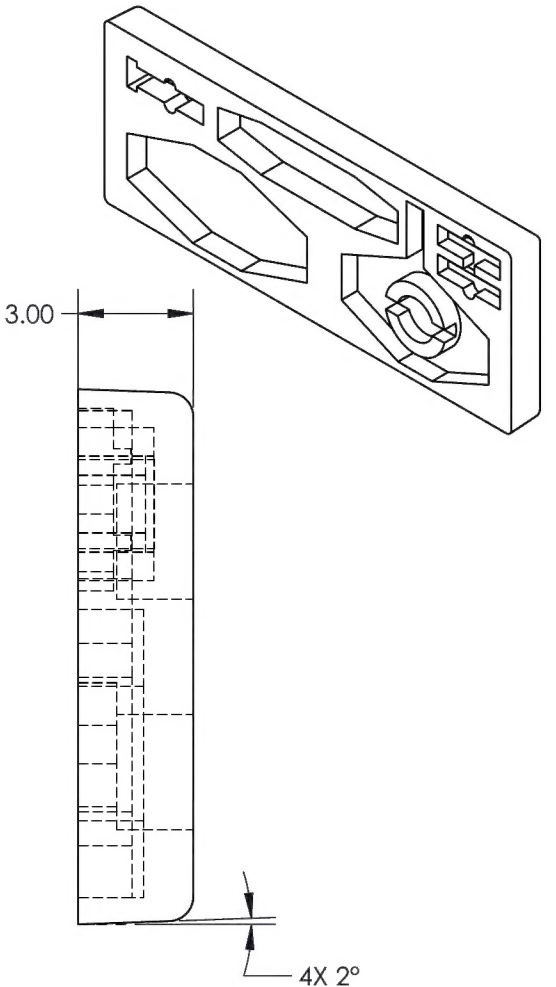
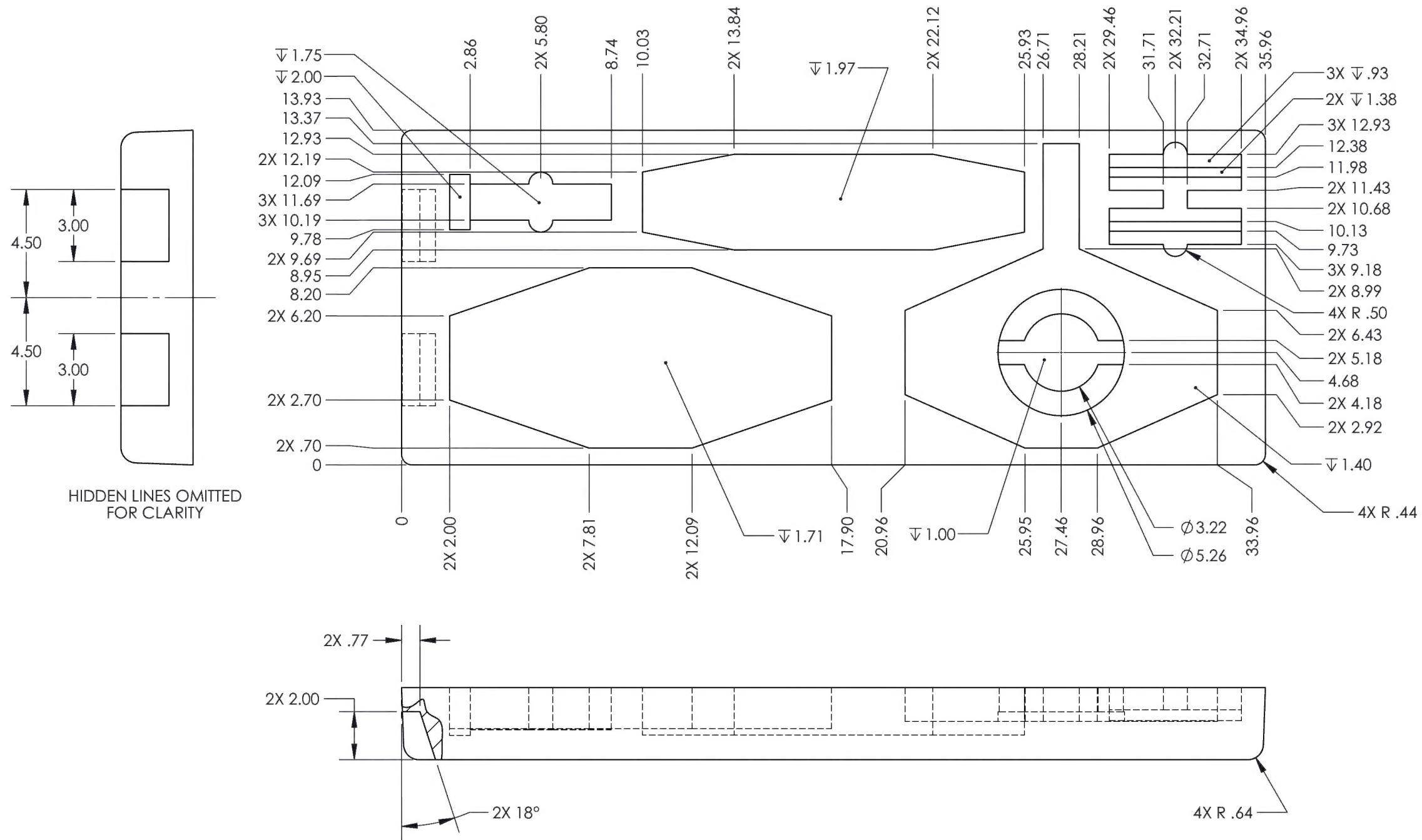
(33)

CONTENTS & LOCATION CARD

DART AEROSPACE	
TITLE PULLER SET, MAST BEARING	
DWG NO. RBT400275-33	REV
MAT'L LAMINATED CARD	DRAWN BY: DUERFELDT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/32	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 430
SCALE 1:2	DATE 7/11/2014 SHEET 12 OF 15

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REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED



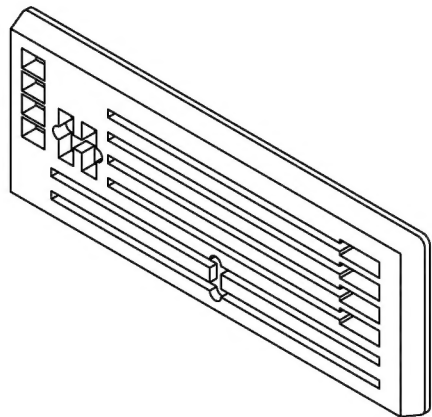
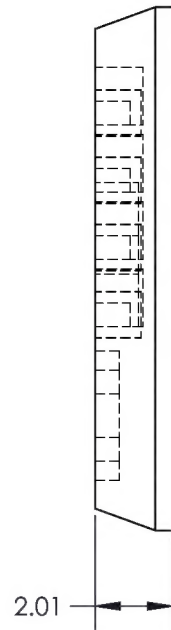
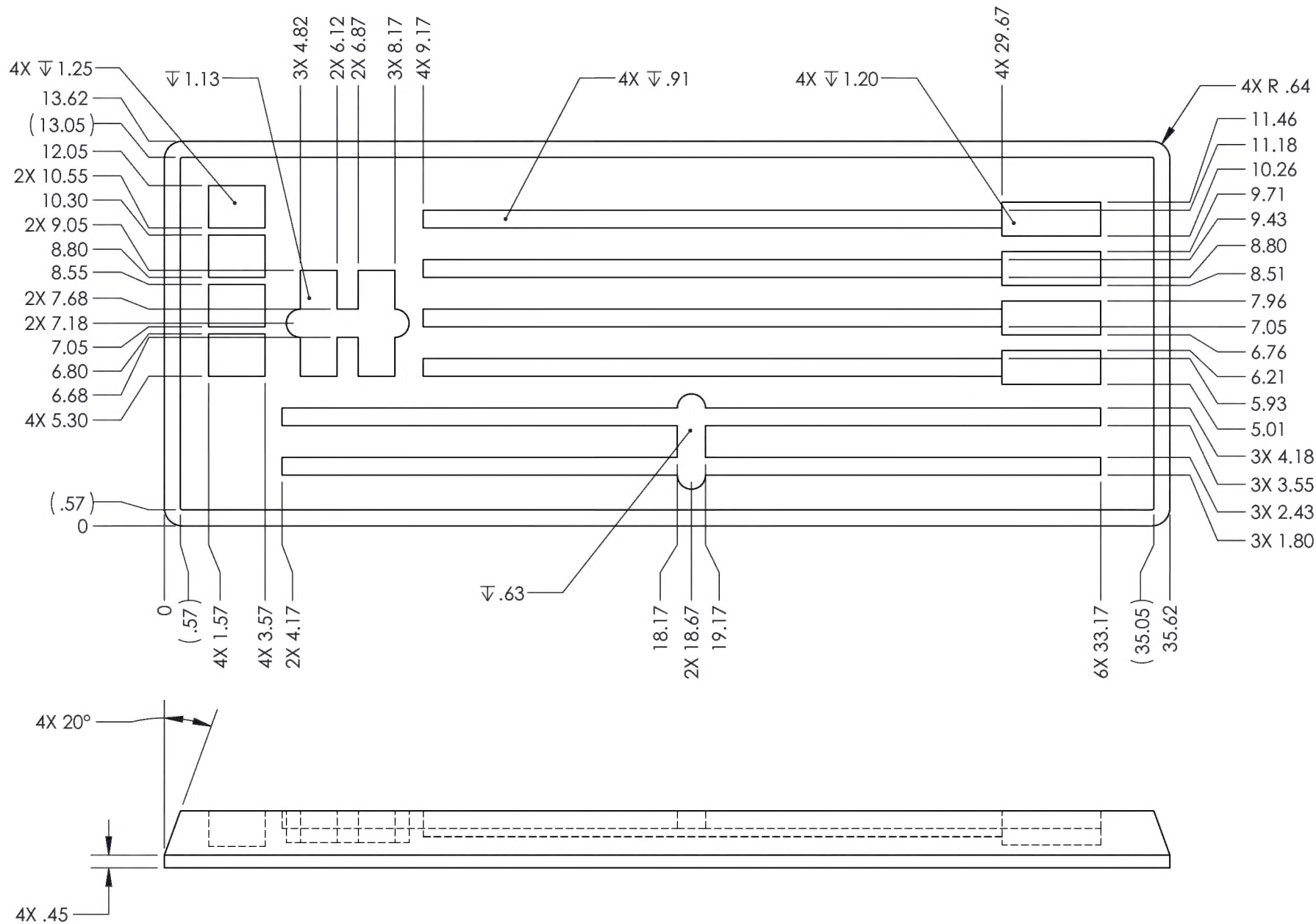
UNDER REVIEW
URF 19-1179 19.11.01 (VM)

(-35)
BOTTOM FOAM

DART AEROSPACE			
TITLE PULLER SET, MAST BEARING			
DWG NO. RBT400275-35			REV
MAT'L Y-20 BLACK		DRAWN BY: DUERFELDT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		APPROVED <i>D. Well</i>	
.XXX ± .005		TREAT	
.XX ± .01		FINISH	
.X ± .1		SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R		USED ON MODEL	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		BELL 430	
SCALE 1:5	DATE 7/11/2014	SHEET 13 OF 15	

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
APPROVED				



NOTE:
VENDOR TO ATTACH A 1in. WIDE BLACK RIBBON LIFTING HANDLE TO EACH END OF COROPLAST, LOOP TO BE LARGE ENOUGH TO ACCOMODATE LARGE HANDS AND FOLD ON TOP OF FOAM FOR STORAGE. -41 TOP FOAM TO BE ATTACHED TO -43.

UNDER REVIEW
URF 19-1179 19.11.01 (VM)

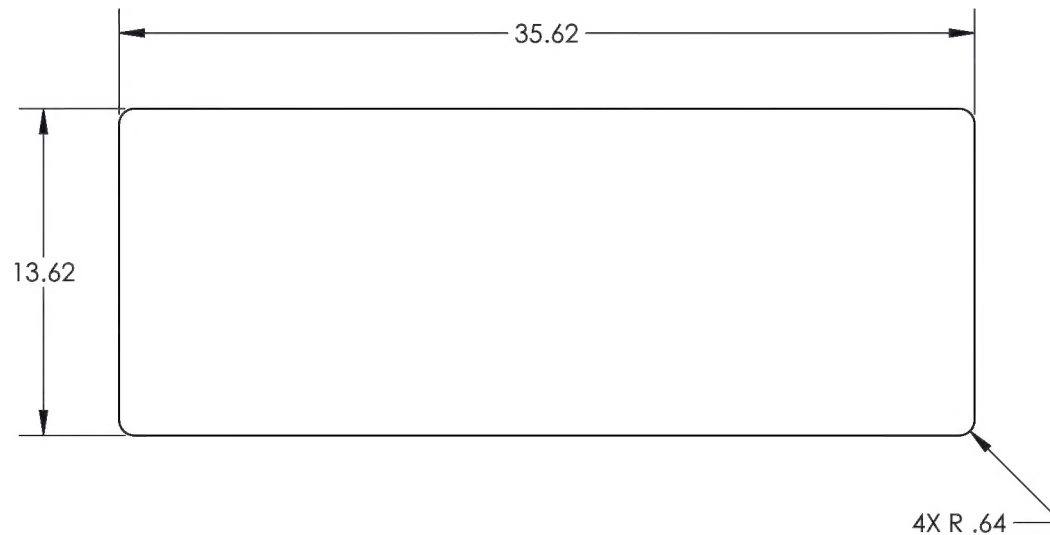
(-37)

TOP FOAM

DART AEROSPACE			
TITLE		PULLER SET, MAST BEARING	
DWG NO.		RBT400275-37	REV
MAT'L Y-20 BLACK		DRAWN BY: DUERFELDT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		APPROVED <i>D Weill</i>	
.XXX ± .005		TREAT	
.XX ± .01		FINISH	
.X ± .1		SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R		USED ON MODEL	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		BELL 430	
SCALE	1:5	DATE	7/11/2014
		SHEET 14 OF 15	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED



NOTE:
VENDOR TO ATTACH A 1in. WIDE BLACK RIBBON LIFTING HANDLE TO EACH END OF COROPLAST, LOOP TO BE LARGE ENOUGH TO ACCOMODATE LARGE HANDS AND FOLD ON TOP OF FOAM FOR STORAGE. -41 TOP FOAM TO BE ATTACHED TO -43.

UNDER REVIEW

URF 19-1179 19.11.01 (VM)

(-39)

TOP FOAM STIFFENER

DART AEROSPACE	
TITLE PULLER SET, MAST BEARING	
DWG NO. RBT400275-39	REV
MAT'L BLACK COROPLAST	DRAWN BY: DUERFELDT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT
.XX ± .01	TREAT
.X ± .1	FINISH
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	SPEC
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL
	BELL 430
SCALE 1:8	DATE 7/11/2014
	SHEET 15 OF 15